



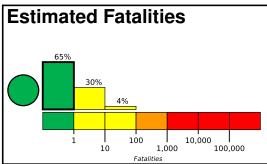


**PAGER** Version 3

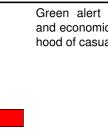
Created: 1 day, 0 hours after earthquake

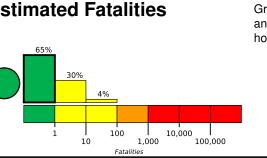
# M 5.7, Kuril Islands

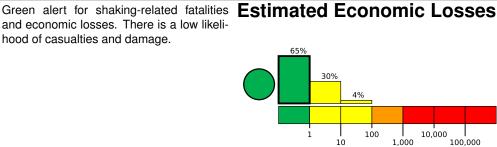
Origin Time: 2022-04-24 01:35:01 UTC (Sun 11:35:01 local) Location: 46.0299° N 152.7865° E Depth: 19.8 km



and economic losses. There is a low likelihood of casualties and damage.





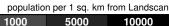


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)  ESTIMATED MODIFIED MERCALLI INTENSITY  PERCEIVED SHAKING		_*	0	0	0	0	0	0	0	0
		I	11-111	IV	V	VI	VII	VIII	IX	X+
		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

<sup>\*</sup>Estimated exposure only includes population within the map area.

## Population Exposure





#### **Structures**

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and unreinforced brick with mud construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2007-01-13	137	8.1	I(0)	
1978-03-23	351	7.6	VII(6k)	_
2006-11-15	71	8.3	I(0)	0

#### Selected City Exposure

from GeoNames.org

100

MMI City Population

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

https://earthquake.usgs.gov/earthquakes/eventpage/us6000hfyj#pager

Event ID: us6000hfyj